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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 385.00)

Complete if Known

| | |
|----------------------|--------------------|
| Application Number | 09/719,870 |
| Filing Date | April 12, 2001 |
| First Named Inventor | Masad J. Damha |
| Examiner Name | Janet L. Epps Ford |
| Art Unit | 1635 |
| Attorney Docket No. | 701826-055820 |

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 50-0850

Deposit Account Name NIXON PEABODY LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 790 | 2001 | 395 | Utility filing fee | |
| 1002 | 350 | 2002 | 175 | Design filing fee | |
| 1003 | 550 | 2003 | 275 | Plant filing fee | |
| 1004 | 790 | 2004 | 395 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$) |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Independent Claims | -20** = | X | |
| Multiple Dependent | -3** = | X | |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 88 | 2201 | 44 | Independent claims in excess of 3 |
| 1203 | 300 | 2203 | 150 | Multiple dependent claim, if not paid |
| 1204 | 88 | 2204 | 44 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|-----------------------------------|----------|--------------|----------|--|-------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | 215.00 |
| 1252 | 430 | 2252 | 215 | Extension for reply within second month | |
| 1253 | 980 | 2253 | 490 | Extension for reply within third month | |
| 1254 | 1,530 | 2254 | 765 | Extension for reply within fourth month | |
| 1255 | 2,080 | 2255 | 1,040 | Extension for reply within fifth month | 170.00 |
| 1401 | 340 | 2401 | 170 | Notice of Appeal | |
| 1402 | 340 | 2402 | 170 | Filing a brief in support of an appeal | |
| 1403 | 300 | 2403 | 150 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,370 | 2453 | 685 | Petition to revive - unintentional | |
| 1501 | 1,370 | 2501 | 685 | Utility issue fee (or reissue) | |
| 1502 | 490 | 2502 | 245 | Design issue fee | |
| 1503 | 660 | 2503 | 330 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 790 | 2809 | 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 790 | 2810 | 395 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 790 | 2801 | 395 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) | | | | | |
| *Reduced by Basic Filing Fee Paid | | | | | |
| SUBTOTAL (3) | | | | | (\$ 385.00) |

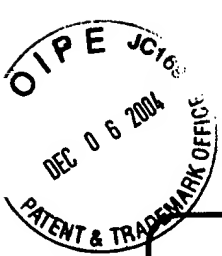
SUBMITTED BY

| | | | | | |
|-------------------|------------------|-----------------------------------|----------|-----------|--------------|
| Name (Print/Type) | David S. Resnick | Registration No. (Attorney/Agent) | 34,235 | Telephone | 617-345-6057 |
| Signature | | Date | 11/30/04 | | |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



| | | |
|---|------------------------|--------------------|
| TRANSMITTAL FORM (PTO/SB/21) ADDITIONAL ENCLOSURES | Application Number | 09/719,870 |
| | Filing Date | April 12, 2001 |
| | First Named Inventor | Masad J. Damha |
| | Art Unit | 1635 |
| | Examiner Name | Janet L. Epps Ford |
| | Attorney Docket Number | 701826-055820 |

Statement Under 37 CFR Sec. 3.73(b)

Oliver Seitz, Angew. Chem. Int. Ed. 1999, 38, 23, 3466-3469

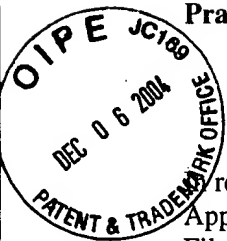
Jens Kurreck, Eur. J. Biochem. 270, 1628-1644 (2003)

Lisbet Kvaerno and Jesper Wengel, Chem. Commun. 2001, 1419-1

Check - \$385.00

Certificate of Mailing

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Practitioner's Docket No. 701826-055820

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of: Damha et al.
Application No.: 09/719,870
Filed: April 12, 2001
For: ANTISENSE OLIGONUCLEOTIDE CONSTRUCTS BASED ON BETA-ARABINOFURANOSE AND ITS ANALOGUES
Group No.: 1635
Examiner: Janet L. Epps Ford

MAIL STOP AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a) and 1.10)

I hereby certify that this correspondence:

1. Transmittal Form & Additional Sheet (2 pp.);
2. Notice of Appeal in duplicate (2 pp.);
3. Amendment (23 pp.);
4. Attachments:
 - Oliver Seitz, *Angew. Chem. Int. Ed.* **1999**, 38, 23, 3466-3469;
 - Jens Kurreck, *Eur. J. Biochem.* **270**, 1628-1644 (**2003**);
 - Lisbet Kvaerno and Jesper Wengel, *Chem. Commun.* **2001**, 1419-1424
5. Petition for Extension of Time in duplicate (2 pp.);
6. Fee Transmittal (1 pg.);
7. Check - \$385.00;
8. Power of Attorney by Assignee of Entire Interest (2 pp.);
9. Statement Under 37 CFR 3.73 (b) (2 pp.);
10. Change of Attorney's Address (1 pg.);
11. Return Receipt Postcard;

is on the date shown below being:

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X deposited with the United States Postal Service sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 222313-1450

FACSIMILE

transmitted by facsimile to the Patent with and Trademark Office.

Date: November 30, 2004


Signature

Nicole M. Aguirre
(type or print name of person certifying)